

## **AIR DATA SUMMARY 6/19/10**

### **Region 6:**

- A total of 952 air samples have been collected to date (395 at Chalmette, 95 at Grand Isle, and 462 at Venice). The first samples were collected 4/28/10.

### **VOCs by TO-15**

- 528 air samples have been submitted for TO-15 to date for analysis. Samples have been analyzed by Air Toxics, SPL, and Test America laboratories.
- 496 of the 528 samples have been loaded into Scribe with final (validated) results.
- 20 of the 528 samples have been loaded into Scribe with preliminary results.
- 12 of the 528 samples do not have results available in Scribe.

### **SVOCs by TO-13**

- 39 air samples have been submitted for TO-13 to date for analysis. Samples have been analyzed by Test America laboratories.
- 18 of the 39 samples have been loaded into Scribe with final (validated) results.
- 9 of the 39 samples have been loaded into Scribe with preliminary results.
- 12 of the 39 samples do not have results available in Scribe.

### **PM 2.5**

- 385 air samples have been submitted for PM 2.5 to date for analysis. Samples have been analyzed by Chester Labnet.
- 360 of the 385 samples have been loaded into Scribe with final (validated) results.
- 6 of the 385 samples have been loaded into Scribe with preliminary results.
- 19 of the 385 samples do not have results available in Scribe.

### **Analytical Issues Being Confronted:**

All air samples are being shipped via FedEx to remote laboratories. If the laboratory can accept samples on Saturday, then Friday samples are shipped for Saturday delivery. Otherwise, samples are shipped on Monday for Tuesday delivery.

For the PM 2.5 samples, the laboratory must maintain very strict humidity control in the sample analysis room. Occasionally, if the humidity is out of control, reporting final PM 2.5 data is delayed.

### **Results and Early Conclusions**

#### **Cost per Sample**

\$545	VOCs in Air by TO-15 (EPA START samples)
\$450	VOCs in Air by TO-15 (LDEQ samples) for Weekday effort
\$650	VOCs in Air by TO-15 (LDEQ samples) for Weekend effort
\$35	PM2.5
\$333.75	SVOCs in Air by TO-13 for Weekday effort
\$587.50	SVOCs in Air by TO-13 for Weekend effort

## **Results and Early Conclusions**

- A total of four samples collected on May 1 and 7 exceeded the screening level for PM<sub>2.5</sub>. Additional exceedances occurred for PM<sub>2.5</sub> on June 12 and 14.
- One sample collected on April 30 exceeded the screening level for benzene.
- One sample collected on May 17 exceeded the screening level for naphthalene.